

**Abstract:**

Disclosed is a method for the operation of a hydraulic brake system with an integrated parking-brake function for motor vehicles having two vehicle axles. The system includes a pedal-operated pressure generator, at least one hydraulic pump, an operating element which is connected to an electronic control and regulation unit, and wheel brakes provided with inlet and outlet valves, with the wheel brakes associated with the second vehicle axle including a device for executing a parking-brake operation. To reduce noises caused by the hydraulic pump when initiating and terminating a parking-brake operation, the hydraulic pump is driven in such a fashion in the disclosed method that pressure build-up can be achieved at low noise.

(Figure 1)